set within a range of 0.17 - 0.29 times a diameter of the heat transfer coils, and the spacing between slits formed on the heat transfer fins is set within a range of 0.18 - 0.5 times the diameter of the heat transfer coils, wherein two slits formed in front of the heat transfer coil and two slits formed behind said heat transfer coil are arranged so there is a mutually different length in a direction perpendicular to the air flow, and wherein a cut profile between the two slits in different lengths is parallel to the air flow.

A3

5. (Once Amended) A heat exchanger in which heat transfer coils penetrate through a row of multiple plate-shaped heat transfer fins set at a specified fin pitch and in which air is supplied orthogonally to said heat transfer coils, characterized by a configuration such that within a plurality of slit arrays formed on a heat transfer fin, for a given slit array a slit formed on either edge of a heat transfer fin is partitioned into slits of different length, and a position at which the slit is partitioned is staggered on each of the two edges of the heat transfer fin, wherein a cut profile at the partitioned position between the two slits in different lengths is parallel to the air flow.

In The Drawings

Please amend FIGs. 3 and 4 as shown in red ink on the attached sheets.

Also please add a new drawing Fig. 5.

No new matter adds through the above amendments. Approval of the drawing changes is requested. Formal drawings will be submitted when this application is allowed.

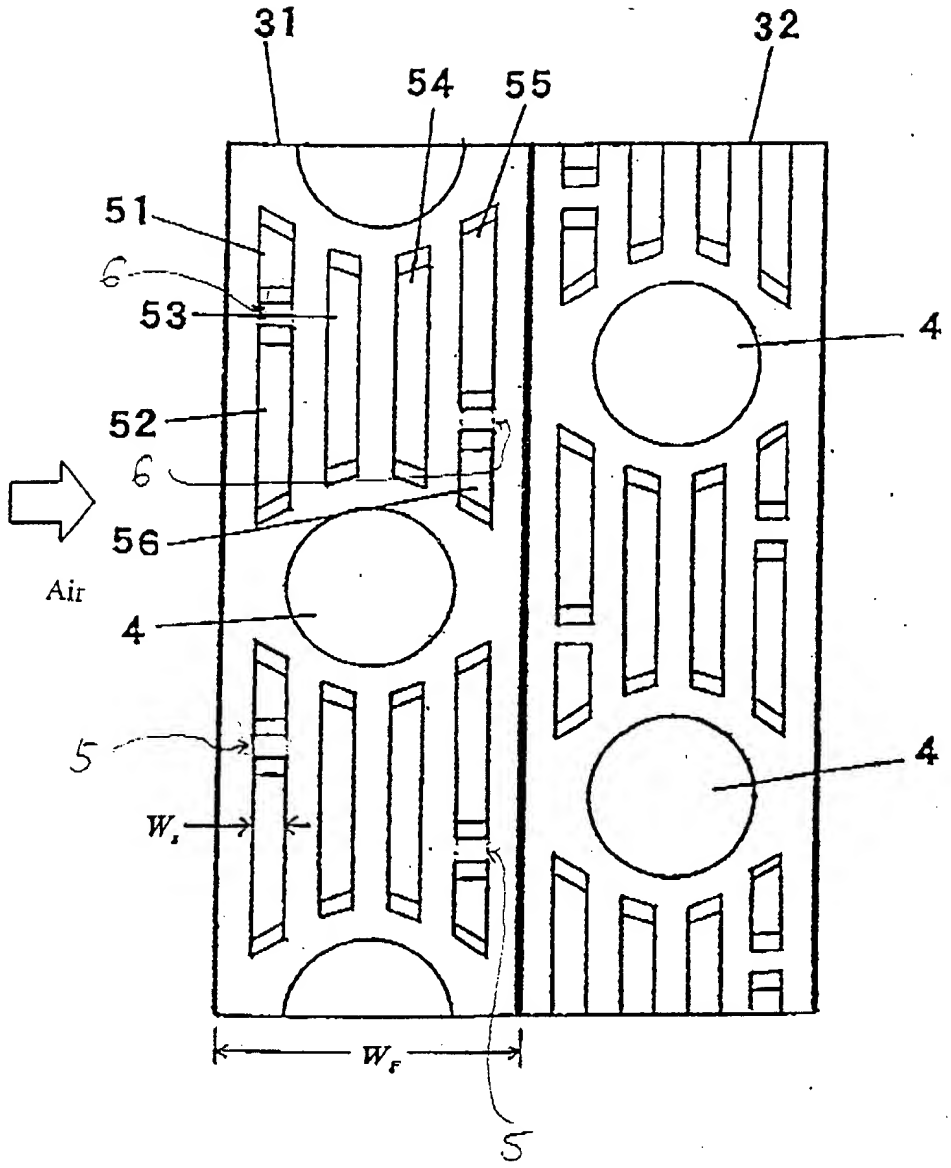

FIG. 5

~~FIG~~